

WHAT IS CLAIMED:

1. A system for automated health and safety information management, the system comprising one or more
5 computers operably programmed and configured to:
 receive a plurality of data concerning patient medical visits resulting from occupational health or safety incidents;
 process the data to automatically identify one or
10 more patient medical visits that are OSHA-recordable; and
 output a report including a summary of the data characterizing one or more patient medical visits that are OSHA-recordable.
- 15 2. The system of claim 1 wherein the data is processed based on pre-defined OSHA logic.
3. The system of claim 1 wherein the plurality of data characterizing the patient medical visit includes
20 data representing the date of the incident, whether the patient died or lost consciousness, diagnosis, treatment, medications, test orders, referrals, medical leaves, medical restrictions, or an indication as to whether the patient is fit for work.
- 25 4. The system of claim 1 wherein the one or more computers are additionally programmed and configured to automatically display an indication as to whether enough data characterizing the patient medical visits has
30 been provided to determine whether the visit is OSHA-recordable.

5. The system of claim 1 wherein the data processed includes data characterizing one or more prior medical visits for a particular patient.

5 6. The system of claim 1 wherein the occupational health or safety incidents include injuries and illnesses.

7. The system of claim 1 wherein the one or
10 more computers are additionally programmed and configured to query the plurality of data concerning patient medical visits according to a plurality of user-defined criteria.

8. The system of claim 1 wherein the one or
15 more computers are additionally programmed and configured to generate a report summarizing the occupational health or safety incidents for a particular organizational location or patient.

9. The system of claim 1 wherein the one or
20 more computers are additionally programmed and configured to generate a report summarizing patient medical leaves of absence for a particular organizational location or patient.

25 10. The system of claim 1 wherein the one or more computers are additionally programmed and configured to generate a report summarizing patient medical restrictions for a particular organizational location or
30 patient.

11. The system of claim 1 wherein the one or more computers are additionally programmed and configured

to generate a report summarizing patient medical visits for a particular organizational location or patient.

12. The system of claim 1 wherein the one or
5 more computers are additionally programmed and configured to electronically dispatch an investigator to investigate one or more of the occupational health or safety incidents.

10 13. The system of claim 1 wherein the one or more computers are additionally programmed and configured to receive a plurality of data concerning an investigation of one or more of the occupational health or safety incidents.

15 14. The system of claim 13 wherein the one or more computers are additionally programmed and configured to query the plurality of data concerning an investigation of one or more of the occupational health
20 or safety incidents.

15 15. The system of claim 13 wherein the one or more computers are additionally programmed and configured to generate a report summarizing one or more incident
25 investigations.

30 16. The system of claim 13 wherein the plurality of data concerning the investigation includes one or more corrective actions to avoid reoccurrence of the one or more of occupational health or safety incidents.

17. The system of claim 16 wherein the one or more computers are additionally programmed and configured to generate a report summarizing corrective actions.

5 18. The system of claim 1 wherein the one or more computers are additionally programmed and configured to:

filter received data at one or more filter levels based on one or more user-defined criteria; and
10 generate a report based on the filtered data.

19. The system of claim 18 wherein the filter levels include worker characteristics, injury/illness codes, work assignment or time period.

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20. The system of claim 18 wherein the report includes a bar chart or a time trend.

21. A computer-implemented method for
20 automated health and safety information management, the method comprising:

receiving into one or more computers a plurality of data concerning patient medical visits resulting from occupational health or safety incidents;

25 processing the data to automatically identify one or more patient medical visits that are OSHA-recordable; and

generating a report including a summary of the data characterizing one or more patient medical visits that
30 are OSHA-recordable.

22. The method of claim 21 wherein the data is processed based on pre-defined OSHA logic.

23. The method of claim 21 wherein the plurality of data characterizing the patient medical visit includes data representing the date of the incident, whether the patient died or lost consciousness,
5 diagnosis, treatment, medications, test orders, referrals, medical leaves, medical restrictions, or an indication as to whether the patient is fit for work.

24. The method of claim 21 additionally
10 comprising automatically displaying an indication as to whether enough data characterizing the patient medical visits has been provided to determine whether the visit is OSHA-recordable.

25. The method of claim 21 wherein the data
15 processed includes data characterizing one or more prior medical visits for a particular patient.

26. The method of claim 21 wherein the
20 occupational health or safety incidents include injuries and illnesses.

27. The method of claim 21 additionally
comprising querying the plurality of data concerning
25 patient medical visits according to a plurality of user-defined criteria.

28. The method of claim 21 additionally
comprising generating a report summarizing the
30 occupational health or safety incidents for a particular organizational location or patient.

29. The method of claim 21 additionally
comprising generating a report summarizing patient

medical leaves of absence for a particular organizational location or patient.

30. The method of claim 21 additionally
5 comprising generating a report summarizing patient medical restrictions for a particular organizational location or patient.

31. The method of claim 21 additionally
10 comprising generating a report summarizing patient medical visits for a particular organizational location or patient.

32. The method of claim 21 additionally
15 comprising electronically dispatching an investigator to investigate one or more of the occupational health or safety incidents.

33. The method of claim 21 additionally
20 comprising receiving a plurality of data concerning an investigation of one or more of the occupational health or safety incidents.

34. The method of claim 33 additionally
25 comprising querying the plurality of data concerning an investigation of one or more of the occupational health or safety incidents.

35. The method of claim 33 additionally
30 comprising generating a report summarizing one or more incident investigations.

36. The method of claim 33 wherein the plurality of data concerning the investigation includes

one or more corrective actions to avoid reoccurrence of the one or more of occupational health or safety incidents.

5 37. The method of claim 36 additionally comprising generating a report summarizing corrective actions.

 38. The method of claim 21 additionally
10 comprising:
 filtering received data at one or more filter levels based on one or more user-defined criteria; and
 generating a report based on the filtered data.

15 39. The method of claim 38 wherein the filter levels include worker characteristics, injury/illness codes, work assignment or time period.

 40. The method of claim 38 wherein the report
20 includes a bar chart or a time trend.

 41. Computer software embodied in a computer-readable medium for automated health and safety information management, the computer software comprising:
25 an electronic medical record module configured to:

 (i) receive a plurality of data concerning patient medical visits resulting from occupational health or safety incidents;
30 (ii) process the data based on pre-defined OSHA logic to automatically identify one or more patient medical visits that are OSHA-recordable; and

(iii) output a report including a summary of the data characterizing one or more patient medical visits that are OSHA-recordable.

an incident investigation module configured to:

- 5 (i) electronically dispatch an investigator to investigate one or more of the occupational health or safety incidents; and
- (ii) receive a plurality of data concerning an investigation of one or more of the occupational
- 10 health or safety incidents including one or more corrective actions to avoid reoccurrence of the one or more of occupational health or safety incidents; and

a data analysis module configured to:

- 15 (i) filter received data at one or more filter levels based on one or more user-defined criteria; and
- (ii) generate a plurality of reports based on the filtered data.

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